## ENGINEERING CHANGE ORDER

PRODUCT AFFECTED: DRAWINGS AFFECTED: ECO-NO. XPANDER POT BOARD SCHEMATIC 681 XPANDER 1859 SHEET 1 OF 2 EFFECTIVITY . REASON FOR CHANGE: DAS REQUIRED IN TEST FIGURE PRODUCTION TO ALLOW PEDAL INPUTS TO BE RETROFIT PRODUCTION AND INVENTORY SET AT MAXIMUM WHEN THE PEDAL DRETROFIT IN FIELD DAS NEEDED JACKS ARE NOT PLUGGED IN. DRAWING CORRECTED ONLY

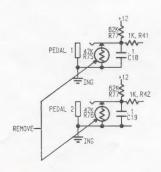
WRITTEN BY:

DATE: 6/6/84 ARPROVED BY:

DATE: 6/6/84

DESCRIPTION OF CHANGE:

REMOVE 2 47K RESISTORS (OB. No. 478473) ON POT BOARD (ASSY, No. 720091), LOCATED AT R75 AND R76.



## ENGINEERING CHANGE ORDER

PRODUCT EFFECTED

**YPANDER** 

DRAWINGS EFFECTED VOTCE SCHEMATIC 1814 SHEET 3, 4 VOTCE PARTS LAYOUT 1813B

602 PAGE 2 DF 2

FCO NO.

FFFECTIVITY .

SI FUTURE PRODUCTION

REASON FOR CHANGE:

MAS REQUIRED IN TEST DRETROFIT PRODUCTION AND INVENTORY

AND DECREASE VCA BYPASSING.

REMOVE DISTORTION IN VOICE'S FINAL VCA.

WRITTEN BY

MICHEL DOIDIC

DRETROFIT IN FIELD DAS NEEDED DRAWING CORRECTED ONLY

> DATE: 6/29/84

APPROVED BY

DATE -

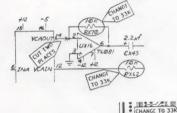
DESCRIPTION OF CHANGE

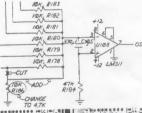
6. REMOVE 12 10K RESISTORS (RX62 AND RX70) AND REPLACE WITH 33K RESISTORS (478333).

7. REMOVE 10K RESISTOR (R186) AND REPLACE WITH 4.7K RESISTOR (478472) IN NEW POSITION AS SHOWN.

SIX WOICE

4167





BOTTOM LEFT CORNER

OF BOARD (COMPONENTS UP)

Xpander service manual.

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## ENGINEERING CHANGE ORDER

PRODUCT AFFECTED DRAWINGS AFFECTED VO
MATIC 1841 SHEET 1
AND PARTS LAYOUT 1

DRAWINGS AFFECTED VOICE SCHE- ECO No MATIC 1841 SHEET I AND 3 OF 4 AND PARTS LAYOUT 1813B

AFFECTIVITY

AS REQUIRED IN TEST

☐ RETROFIT PRODUCTION & INVENTORY
☐ RETROFIT IN FIELD ☐ AS NEEDED

☐ RETROFIT IN FIELD ☐ ☐ AS N ☐ DRAWING CORRECTION ONLY REASON FOR CHANGE

- MAKES FILTER OSCILLATION MORE RELIABLE.

- ALLOWS USE OF ANY BRAND OF 4053 (UX14).

- MAKES FILTER OSCILLATION BREAK POINT MORE ACCURATE.

WRITTEN BY

7/30/84

APPROVED BY

DATE 7/30/84

DESCRIPTION OF CHANGE

- CHANGE RX64 RESISTOR ON ALL 6 VOICES FROM A 27K 5% TO A 20K 5% (OBERHEIM No.478203).

- INSTALL VOICE SOFTWARE VERSION 1.1 (OR ABOVE) BY CHANGING U912 TO ROM VERSION 1.1-0 (OR ABOVE) (OBERHEIM PART No.310007-CA1.1-0 AND U914 TO ROM VERSION 1.1-1 (OR ABOVE) (OBERHEIM PART No.31000

-CA 1.1-1).

